

ABSTRACT

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2 A hybrid coating material and process for pigments and other powders, for  
3 example cosmetic powders employs an organometallate, for example a titanate, and  
4 a functionalized silicon compound, for example a trialkoxysilane or a  
5 functionalized polysiloxane, which covalently bond to each other and to the  
6 substrate powder. The coated powders can exhibit excellent hydrophobicity  
7 coupled with lipophilicity. Employment of fluorinated silicon compounds may  
8 provide hydrophobicity and lipophobicity. Examples show good dispersibility of  
9 coated pigments in aqueous, oil and silicone fluids.